

TITANPRO® PD701

PP

Lotte Chemical Titan (M) Sdn. Bhd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	30	g/10min	ASTM D 1238
Temperature	230	°C	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	31.4	MPa	ASTM D 638
Elongation at Yield	12	%	ASTM D 638
Flexural Modulus	1324	MPa	ASTM D 790
Rockwell Hardness	R 98	-	ASTM D 785
Izod Impact notched, 1/8 in	31.1	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	90	°C	ASTM D 648
Other properties			
Water Absorption, 24hr	0.02	%	ASTM D 570
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Other Extrusion, Coating

Special Characteristics

Heat stabilized or stable to heat

Features

Barrier Properties, High Gloss, Low Neck-In, Low Odor, Homopolymer

Chemical Resistance

General Chemical Resistance, Grease Resistance

Certifications

Food contact, Food approval FDA 21 CFR, US Pharmacopeia Class VI Approved

Applications

Medical

Regional Availability

Asia Pacific